



As the below-named inventors, we declare that:

Our residences, post office addresses, and citizenships are as stated below under our names.

We believe we are the original, first and joint inventors of the invention entitled "PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT), NOVEL ANT LIGANDS AND SCREENING ASSAYS THEREFOR," which is described and claimed in the specification and claims of C-I-P Application No. 09/393,441, which we filed in the United States Patent and Trademark Office on September 8, 1999 and for which a patent is sought; and that this application in part discloses and claims subject matter disclosed in our earlier-filed Application No. 09/185,904, entitled "PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT), NOVEL ANT LIGANDS AND SCREENING ASSAYS THEREFOR," which we filed in the United States Patent and Trademark Office on November 3, 1998.

We have reviewed and understand the contents of the above-entitled specification, including the claims, as amended by any amendment specifically referred to herein (if any).

We acknowledge our duty to disclose information of which we are aware which is material to the patentability and examination of this application in accordance with 37 C.F.R. § 1.56(a), including material information which occurred between the filing date of said earlier-filed application and the filing date of the C-I-P application.

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that the making of willfully false statements and the like is punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and may jeopardize the validity of any patent issuing from this patent application.

Christen M. Anderson

Date //28/00

Residence : City of Encinitas, County of San Diego

State of California

Citizenship : United States of America

P.O. Address : 756 Poinsettia Park South

Encinitas, California 92024

City of San Diego, County of San Diego Residence State of California United States of America Citizenship 13272 Glencliff Way P.O. Address San Diego, California 92130 William Clevenger Date _ City of Oceanside, County of San Diego Residence State of California United States of America Citizenship P.O. Address 3544 Windsor Road Oceanside, California 92107 Sandra Eileen Wiley Date City of San Diego, County of San Diego Residence State of California United States of America Citizenship P.O. Address 3195 Galloway Drive San Diego, California 92122

Scott W. Miller

Date 01-28-00

Residence : City of San Marcos, County of San Diego

State of California

Citizenship : United States of America

P.O. Address : 1205 Calle Fantasia

San Marcos, California 92069

Tomas R. Szabo City of San Diego, County of San Diego Residence State of California Sweden Citizenship P.O. Address 3785 Third Avenue San Diego, California 92103 Soumitra S. Ghosh Date City of San Diego, County of San Diego Residence State of California United States of America Citizenship P.O. Address 12334 Pathos Lane San Diego, California 92129 Walter H. Moos 2-3-00 Date City of Oakland, County of Alameda Residence State of California United States of America Citizenship P.O. Address 724 Grizzly Terrace Drive Oakland, California 94611

Yazhong Pei

Date (/28/2000)

Residence : City of San Diego, County of San Diego

State of California

Citizenship : Peoples Republic of China

P.O. Address : 5185 Seachase Street

San Diego, California 92130

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Christen M. Anderson, Robert E. Davis, William Clevenger, Sandra

Eileen Wiley, Scott W. Miller, Tomas R. Szabo, Soumitra S. Ghosh,

Walter H. Moos and Yazhong Pei

Application No. : 09/393,441

Filed: September 8, 1999

For : PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR

(ANT), NOVEL ANT LIGANDS AND SCREENING ASSAYS

THEREFOR

Docket No. : 660088.420C1

Box Missing Parts Assistant Commissioner for Patents Washington, DC 20231

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73 AND POWER OF ATTORNEY

The undersigned, being Assignee of the entire interest in the above-identified application by virtue of an Assignment filed concurrently herewith, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

Assignee hereby appoints RICHARD W. SEED, Reg. No. 16,557; ROBERT J. BAYNHAM, Reg. No. 22,846; EDWARD W. BULCHIS, Reg. No. 26,847; GEORGE C. RONDEAU, JR., Reg. No. 28,893; DAVID H. DEITS, Reg. No. 28,066; WILLIAM O. FERRON, JR., Reg. No. 30,633; PAUL T. MEIKLEJOHN, Reg. No. 26,569; DAVID J. MAKI, Reg. No. 31,392; RICHARD G. SHARKEY, Reg. No. 32,629; DAVID V. CARLSON, Reg. No. 31,153; KARL R. HERMANNS, Reg. No. 33,507; DAVID D. MCMASTERS, Reg. No. 33,963; MICHAEL J. DONOHUE, Reg. No. 35,859; STEVEN D. LAWRENZ, Reg. No. 37,376; ELLEN M. BIERMAN, Reg. No. 38,079; ANN T. KADLECEK, Reg. No. 39,244; DAVID W. PARKER, Reg. No. 37,414; FRANK ABRAMONTE, Reg. No. 38,066; E. RUSSELL TARLETON, Reg. No. 31,800; KEVIN S. COSTANZA, Reg. No. 37,801; DALE C. BARR, Reg. No. 40,498; THOMAS E. LOOP, Reg. No. 42,810; STEPHEN J. ROSENMAN, Reg. No. 43,058; BRIAN L. JOHNSON, Reg. No. 40,033; JAMES D. WHITE,

Reg. No. 43,985; KIMTON N. ENG, Reg. No. 43,605; SUSAN D. BETCHER, Reg. No. 43,498; DENNIS M. de GUZMAN, Reg. No. 41,702; JANE E.R. POTTER, Reg. No. 33,332, KENNETH H. TARBET, Reg. No. 43,181, WILLIAM T. CHRISTIANSEN, Reg. No. P-44,614, and ROBERT IANNUCCI, Reg. No. 33,514, comprising the firm of SEED AND BERRY LLP, 6300 Columbia Center, Seattle, Washington 98104-7092, and ANDREW E. GRANSTON, JR., Reg. No. 38,473 of the firm MITOKOR, 11494 Sorrento Valley Road, San Diego, California 92121, as its attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. Please direct all telephone calls to Stephen J. Rosenman, Ph.D. at (206) 622-4900 and telecopies to (206) 682-6031.

Please direct all communications to:

Stephen J.Rosenman, Esq.
Seed and Berry LLP
6300 Columbia Tower
701 Fifth Avenue
Seattle, Washington 98104-7092

Pursuant to 37 C.F.R. § 3.73, the undersigned duly authorized designee of Assignee certifies that the evidentiary documents have been reviewed, specifically the Assignment to filed concurrently herewith for recording, a copy of which is attached hereto, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

MITOKOR ASSIGNEE

tebruary 1, 2000

Robert E. Davis

President and Chief Science Officer

Enclosure:

Copy of Assignment

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ASSIGNMENT

WHEREAS, we, Christen M. Anderson, Robert E. Davis, William Clevenger, Sandra Eileen Wiley, Scott W. Miller, Tomas R. Szabo, Soumitra S. Ghosh, Walter H. Moos and Yazhong Pei (hereinafter referred to as ASSIGNORS), having post office addresses of 756 Poinsettia Park South, Encinitas, California 92024, 13272 Glencliff Way, San Diego, California 92130, 3544 Windsor Road, Oceanside, California 92107, 3195 Galloway Drive, San Diego, California 92122, 1205 Calle Fantasia, San Marcos, California 92069, 3785 Third Avenue, San Diego, California 92103, 12334 Pathos Lane, San Diego, California 92129, 724 Grizzly Terrace Drive, Oakland, California 94611, and 5185 Seachase Street, San Diego, California 92130, respectively, are the joint inventors of an invention entitled "PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT), NOVEL ANT LIGANDS AND SCREENING ASSAYS THEREFOR," as described and claimed in the specification forming part of a continuation-in-part application for United States letters patent which was filed on September 8, 1999 and assigned Application No. 09/393,441; this application is a continuation-in-part of U.S. Application No. 09/185,904, filed November 3, 1998, which application is pending.

WHEREAS, MITOKOR (hereinafter referred to as ASSIGNEE), a corporation of the State of California having a place of business at 11494 Sorrento Valley Road, San Diego, California 92121, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on

said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

1/28/00	Chtu hu Dlu
Date	Christen M. Anderson
State of California	30
County of Dan Diego	SS.

I certify that I know or have satisfactory evidence that Christen M. Anderson is the person who appeared before me, and said person acknowledged that she signed this instrument and acknowledged it to be her free and voluntary act for the uses and purposes mentioned in the instrument.

JACQUELINE J. ALTMAN
Comm. # 1131778
NOTARY PUBLIC - CALIFORNIA
San Diego County
My Comm. Expires March 31, 2001

Signature of Notary Public Facqueline J. AhTman

My appointment expires March 31, 2001

Jebruary 1, 20	Robert E. Davis		
State of Caledorn	$(a \rightarrow)$		
County of San Da) ss.		
I certify that	I know or have satisfactory evidence that Robert E. Davis is the		
person who appeared before	e me, and said person acknowledged that he signed this instrument		
and acknowledged it to be h	is free and voluntary act for the uses and purposes mentioned in the		
instrument.			
	Dated Jebruary 1, 2000		
	Signature of		
JACQUELINE J. ALTMAN	Notary Public fulfilling 4 () Minus		
Comm. # 1131778 NOTARY PUBLIC - CALIFORNIA	Printed Name Jacqueline J. HhTman		
San Diego County My Comm. Expires March 31, 2001	My appointment expires March 31, 2001		
Date	William Clevenger		
State of (alikania)			
County of Son Lugo Ss.			
I certify that	I know or have satisfactory evidence that William Clevenger is the		
	e me, and said person acknowledged that he signed this instrument		
· ·	is free and voluntary act for the uses and purposes mentioned in the		
instrument.			
	$\mathcal{A}_{\mathcal{O}}$		
	Dated Telegrapy 3, 2000		
JACQUELINE J. ALTMAN Comm. # 1131778 ()	Signature of Notary Public Jacqueline of Altman		
NOTARY PUBLIC CALIFORNIA San Diego County	Printed Name / Dacqueline J. Ahlman		
My Comm. Expires March 31, 2001	Man 1 2 2 2 1		
****	My appointment expires [[MUCM31, 2001]		

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Jeb 1. 2	200 Sondia Esleen Wolley
Date	Sandra Eileen Wiley
State of Caleforni) SS.
County of County of	<u>Office</u>)
I certify that	I know or have satisfactory evidence that Sandra Eileen Wiley is the
	e me, and said person acknowledged that she signed this instrument
-	ner free and voluntary act for the uses and purposes mentioned in the
instrument.	
JACQUELINE J. ALTMAN Comm. # 1131778 NOTARY PUBLIC CALIFORNIA San Diego County My Comm. Expires March 31, 2001	Dated Telegrang 1, 2000 Signature of Notary Public Lacqueline Altman Printed Name Dacqueline J. ALTman My appointment expires March 31, 2001
Date 0(-28-00	Scott W Miller
State of Caleforn County of Dank	scotte Williams us
I certify that	t I know or have satisfactory evidence that Scott W. Miller is the
person who appeared befor	e me, and said person acknowledged that he signed this instrument
and acknowledged it to be l	his free and voluntary act for the uses and purposes mentioned in the
instrument.	

Signature of Notary Public Statement & Sta

1/28/00	Pouras Dalo
Date /	Tomas R. Szabo
State of California) ss.
County of Ann ha	go)
I certify that	I know or have satisfactory evidence that Tomas R. Szabo is the
person who appeared before	me, and said person acknowledged that he signed this instrument
and acknowledged it to be hi	is free and voluntary act for the uses and purposes mentioned in the
instrument.	
	Dated Vanuary 28, 2000
A CONTRACTOR OF ALTHAN	Signature of
JACQUELINE J. ALTMAN Comm. # 1131778	Notary Public & Malseline & James
IN FEED CALLED NOTARY PUBLIC CALLEDRNIA	Printed Name Takueline J. Alman
My Comm, Expires March 31, 2001	I March 21 9001
	My appointment expires ///www.a.g., 2001
1/28/00	Junitra Chs
Date	Soumitra S. Ghosh
I V C. C.	
State of all amus	2
County of Am	vao
I certify that I	I know or have satisfactory evidence that Soumitra S. Ghosh is the
person who appeared before	e me, and said person acknowledged that he signed this instrument
and acknowledged it to be h	is free and voluntary act for the uses and purposes mentioned in the
instrument.	
	Dated \(\interpresentation \(\text{Linuary 28, 2000} \)
	Signature of
JACQUELINE J. ALTMAN Comm. # 1131778	Notary Public Alagueline & Malmen
NOTARY PUBLIC - CALIFORNIA SAN DISSU COUNTY	Printed Name / Jacque line J. ALTMan
My Comm. Expires March 31, 2001 B	My appointment expires March 31, 2001
	my appointment expires of floring for the period

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2-3-00	Milm
Date	Walter H. Moos
State of California	
State of Caragonia) ss.
County of Man h	ego)
•	I know or have satisfactory evidence that Walter H. Moos is the
	e me, and said person acknowledged that he signed this instrument
	is free and voluntary act for the uses and purposes mentioned in the
instrument.	P
	Dated February 3 2000
JACQUELINE J. ALTMAN	
Comm. # 1131778 NOTARY PUBLIC - CALIFORNIA	Notary Public Kacalenders O Aldman
San Diego County My Comm. Expires March 31, 2001	The state of the s
	Printed Name / Sacquestin & J. H. IMan
	My appointment expires March 31,9601
1/20 horas	Clar F.
Date	Yazhong Pei
(\sqrt{1}) \cdot	
State of Alfanni	<u>()</u> SS.
County of An Will	30) ss.
I certify that	I know or have satisfactory evidence that Yazhong Pei is the person
who appeared before me, a	and said person acknowledged that he signed this instrument and
acknowledged it to be his t	Free and voluntary act for the uses and purposes mentioned in the
instrument.	
JACQUELINE J. ALTMAN	Dated Lanuary 28 9000
Comm. #.1131778	Signature of Contract Contract
San Diego County My Comp Fragrey March 21, 2001	Notary Public facilities for Million
My Comm. Expires March 31, 2001	Printed Name / Sacquellne J. Hh I man
	My appointment expires Much 31, 2001
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